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RAW SEQUENCE LISTING DATE: 08/19/2004
PATENT APPLICATION: **US/10/677,076** TIME: 17:02:01

Input Set : **N:\Crf4\Refhold\10_folder\J677076.raw**
Output Set: **N:\CRF4\08192004\J677076.raw**

SEQUENCE LISTING

(1) GENERAL INFORMATION:
(i) APPLICANT: Findeis, M. et al.
(ii) TITLE OF INVENTION: Modulators of {SYMBOL 98 \f "Symbol"}-Amyloid Peptide Aggregation Comprising D-Amino Acids
(iii) NUMBER OF SEQUENCES: 34
(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: LAHIVE & COCKFIELD
(B) STREET: 28 State Street
(C) CITY: Boston
(D) STATE: Massachusetts
(E) COUNTRY: USA
(F) ZIP: 02109-1875
(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25
(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/10/677,076**
C--> **(B) FILING DATE: 30-Sep-2003**
(C) CLASSIFICATION: 514
(vii) PRIOR APPLICATION DATA:
W--> **(A) APPLICATION NUMBER: US/08/920,162**
(B) FILING DATE: 27-AUG-1997
W--> **(A) APPLICATION NUMBER: USSN 08/548,998**
(B) FILING DATE: 27-OCT-1995
W--> **(A) APPLICATION NUMBER: USSN 08/616,081**
(B) FILING DATE: 14-MAR-1996
W--> **(A) APPLICATION NUMBER: USSN 08/703,675**
(B) FILING DATE: 27-AUG-1996
W--> **(A) APPLICATION NUMBER:**
(B) FILING DATE: 21-JUL-1997
(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: KARA, Catherine J.
(B) REGISTRATION NUMBER: 41,106
(C) REFERENCE/DOCKET NUMBER: PPI-016CP4
(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (617)227-7400
(B) TELEFAX: (617)227-5941
(2) INFORMATION FOR SEQ ID NO: 1:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 43 amino acids

ENTERED

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Input Set : N:\Crf4\Refhold\10_folder\J677076.raw
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(B) TYPE: amino acid
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(v) FRAGMENT TYPE: internal
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

```
Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
1               5                   10                  15
Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
            20                  25                  30
Gly Leu Met Val Gly Gly Val Val Ile Ala Thr
        35                  40
```

(2) INFORMATION FOR SEQ ID NO: 2:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 103 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(v) FRAGMENT TYPE: internal
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

```
Glu Val Lys Met Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val
1               5                   10                  15
His His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys
            20                  25                  30
Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val
        35                  40                  45
Ile Val Ile Thr Leu Val Met Leu Lys Lys Lys Gln Tyr Thr Ser Ile
    50                  55                  60
His His Gly Val Val Glu Val Asp Ala Ala Val Thr Pro Glu Glu Arg
65                  70                  75                  80
His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Tyr Lys
                85                  90                  95
Phe Phe Glu Gln Met Gln Asn
            100
```

(2) INFORMATION FOR SEQ ID NO: 3:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 5 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

```
Leu Val Phe Phe Ala
1               5
```

(2) INFORMATION FOR SEQ ID NO: 4:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 5 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(ix) FEATURE:

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Input Set : N:\Crf4\Refhold\10_folder\J677076.raw
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(A) NAME/KEY: Modified site
(B) LOCATION: 1-5
(D) OTHER INFORMATION: /note= D amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Ala Phe Phe Val Leu
5

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 5 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 1-5
(D) OTHER INFORMATION: /note= D amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Ala Phe Phe Leu Leu
5

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 5 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 1-5
(D) OTHER INFORMATION: /note= D amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Leu Phe Phe Val Leu
5

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 5 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 1-5
(D) OTHER INFORMATION: /note= D amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Phe Phe Phe Val Leu
5

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 4 amino acids
(B) TYPE: amino acid

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```
148           (D) TOPOLOGY: linear
149      (ii) MOLECULE TYPE: peptide
150      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
151       Leu Val Phe Phe
153  (2) INFORMATION FOR SEQ ID NO: 9:
154       (i) SEQUENCE CHARACTERISTICS:
155           (A) LENGTH: 4 amino acids
156           (B) TYPE: amino acid
157           (D) TOPOLOGY: linear
158      (ii) MOLECULE TYPE: peptide
159      (ix) FEATURE:
160           (A) NAME/KEY: Modified site
161           (B) LOCATION: 1-4
162           (D) OTHER INFORMATION: /note= D amino acid
163      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
164       Leu Val Phe Phe
166  (2) INFORMATION FOR SEQ ID NO: 10:
167       (i) SEQUENCE CHARACTERISTICS:
168           (A) LENGTH: 3 amino acids
169           (B) TYPE: amino acid
170           (D) TOPOLOGY: linear
171      (ii) MOLECULE TYPE: peptide
172      (ix) FEATURE:
173           (A) NAME/KEY: Modified site
174           (B) LOCATION: 1-3
175           (D) OTHER INFORMATION: /note= D amino acid
176      (ix) FEATURE:
177           (A) NAME/KEY: Modified site
178           (B) LOCATION: 3
179           (D) OTHER INFORMATION: /note= phenethylamide C-terminal
180 modification
181      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
182       Leu Val Phe
184  (2) INFORMATION FOR SEQ ID NO: 11:
185       (i) SEQUENCE CHARACTERISTICS:
186           (A) LENGTH: 4 amino acids
187           (B) TYPE: amino acid
188           (D) TOPOLOGY: linear
189      (ii) MOLECULE TYPE: peptide
190      (ix) FEATURE:
191           (A) NAME/KEY: Modified site
192           (B) LOCATION: 1-4
193           (D) OTHER INFORMATION: /note= D amino acid
194      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
195       Leu Val Tyr Phe
197  (2) INFORMATION FOR SEQ ID NO: 12:
198       (i) SEQUENCE CHARACTERISTICS:
199           (A) LENGTH: 4 amino acids
200           (B) TYPE: amino acid
```

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(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 1-4
(D) OTHER INFORMATION: /note= D amino acid
(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 3
(D) OTHER INFORMATION: /note= Xaa=iodotyrosine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
W--> **Leu Val Xaa Phe**
(2) INFORMATION FOR SEQ ID NO: 13:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 4 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 1-4
(D) OTHER INFORMATION: /note= D amino acid
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
Leu Val Phe Tyr
(2) INFORMATION FOR SEQ ID NO: 14:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 4 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 1-4
(D) OTHER INFORMATION: /note= D amino acid
(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 4
(D) OTHER INFORMATION: /note= Xaa=iodotyrosine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
W--> **Leu Val Phe Xaa**
(2) INFORMATION FOR SEQ ID NO: 15:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 4 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: peptide
(ix) FEATURE:
(A) NAME/KEY: Modified site
(B) LOCATION: 1-4